## WHAT IS CLAIMED IS

1. A release sheet for a pressure-sensitive adhesive sheet, which release sheet having a monolayer structure or a laminate structure, wherein, when the release sheet has a monolayer structure, the release sheet itself, and when it has a laminate structure, a surface of at least one outermost layer of the release sheet, comprises an ethylene polymer, and wherein the ethylene polymer shows both property values of a) and b):

a) spin-spin relaxation time  $(T_2)$  of proton in an amorphous region of the ethylene polymer of 130-350  $\mu$ s at 30°C.

b) a ratio of the amorphous region of the ethylene polymer, as calculated from the spin-spin relaxation time  $(T_2)$ , of 7-17%.

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- 2. The release sheet of claim 1, wherein the spin-spin relaxation time  $(T_2)$  of proton in the amorphous region of the ethylene polymer is  $170-280~\mu s$  at  $30^{\circ}C$  and the ratio of the amorphous region of the ethylene polymer, as calculated from the spin-spin relaxation time  $(T_2)$ , is 10-14%.
  - 3. The release sheet of claim 1, wherein the ethylene polymer is a copolymer of ethylene and a straight chain or branched chain  $\alpha$ -olefin having 3 to 10 carbon atoms.

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- 4. The release sheet of claim 3, wherein the  $\alpha$ -olefin is selected from the group consisting of 1-butene, 1-hexene and 1-octene.
- 30 5. A pressure-sensitive adhesive sheet comprising the release sheet of claim 1.
  - 6. A release sheet for a pressure-sensitive adhesive sheet, which release sheet having a monolayer structure or a laminate

structure, wherein, when the release sheet has a monolayer structure, the release sheet itself, and when it has a laminate structure, a surface of at least one outermost layer of the release sheet, comprises an ethylene polymer, and wherein a bearing ratio obtained by measuring the surface of the layer comprising the ethylene polymer with an atomic force microscope is -30 to 15.

- 7. The release sheet of claim 6, wherein the ethylene polymer is a copolymer of ethylene and a straight chain or branched chain  $\alpha$ -olefin having 3 to 10 carbon atoms.
- 8. The release sheet of claim 7, wherein the α-olefin is selected from the group consisting of 1-butene, 1-hexene and 1-15 octene.
  - 9. A pressure-sensitive adhesive sheet comprising the release sheet of claim 6.